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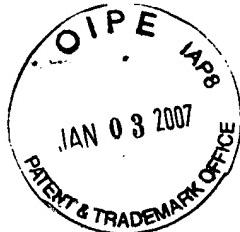
TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>		Application Number	10/642,477
		Filing Date	August 15, 2003
		First Named Inventor	Masakazu Kawai
		Group Art Unit Number	3736
		Examiner Name	Jeffrey Gerben Hoekstra
Total Number of Pages in This Submission	8*	Attorney Docket Number	20911-08172

ENCLOSURES (check all that apply)	
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REMARKS: *Page count does not include cited references.

SIGNATURE OF ATTORNEY OR AGENT	
Signature:	<i>A.C. Smith</i>
Attorney/Reg. No.:	Albert C. Smith, Reg. No. 20,355
Dated:	12/28/06

CERTIFICATE OF MAILING	
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.	
Signature:	<i>A.C. Smith</i>
Typed or Printed Name:	Albert C. Smith
Express Mail Mailing Number (optional):	
Dated:	12/28/06



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Masakazu Kawai, et al.
APPLICATION NO.: 10/642,477
FILING DATE: August 15, 2003
TITLE: Method and Processor for Obtaining Moments and Torques in a
Biped Walking System
EXAMINER: Jeffrey Gerben Hoekstra
GROUP ART UNIT: 3736
ATTY. DKT. NO.: 20911-08172

CERTIFICATE OF MAILING

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Dated: 12/28/06 By: A. C. Smith
Albert C. Smith, Reg. No.: 20,355

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

- after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:
 - attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
 - Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
 - Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
 - each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;
 - no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this

certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

- attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(d); OR
- after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. _____, filed on _____, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
MASAKAZU KAWAI ET AL.

Dated: 12/28/06

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application No.	10/642,477
Filing Date	August 15, 2003
First Named Inventor	Masakazu Kawai
Art Unit	3736
Examiner Name	Jeffrey Gerben Hoekstra

Sheet 1 of 2 Attorney Docket Number 20911-08172

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-7,135,003	11-14-2003	Dariush
	A2	US-2006/0139355 A1	06-29-2006	Tak et al.
	A3	US-2006/0100818 A1	05-11-2006	Nakamura et al.
	A4	US-2006/0046909 A1	03-02-2006	Rastegar et al.
	A5	US-7,013,201	03-15-2006	Hattori et al.
	A6	US-6,943,520	09-13-2005	Furuta et al.
	A7	US-2005/0209535 A1	09-22-2005	Dariush
	A8	US-2004/0249319 A1	12-09-2004	Dariush
	A9	US-2004/0254771 A1	12-16-2004	Riener et al.
	A10	US-2004/0158175 A1	08-12-2004	Ikeuchi et al.
	A11	US-6,785,591	08-31-2004	Hansson
	A12	US-6,766,204	07-20-2004	Niemeyer et al.
	A13	US-6,750,866	06-15-2004	Anderson III
	A14	US-2004/0107780 A1	06-10-2004	Kawai et al.
	A15	US-6,633,783	10-14-2003	Dariush et al.
	A16	US-6,640,160	10-28-2003	Takahashi et al.
	A17	US-6,505,096	01-07-2003	Takenaka et al.
	A18	US-2003/0023415 A1	01-30-2003	Nakamura et al.
	A19	US-2003/0018283 A1	01-23-2003	Dariush
	A20	US-6,445,983	09-03-2002	Dickson et al.
	A21	US-6,161,080	12-12-2000	Aouni-Ateshian et al.
	A22	US-6,152,890	11-28-2000	Kupfer et al.
	A23	US-5,982,389	11-09-1999	Guenter et al.
	A24	US-5,659,480	08-19-1997	Anderson et al.
	A25	US-5,625,577	04-29-1997	Kunii et al.
	A26	US-5,459,659	10-17-1995	Takenaka
	A27	US-5,247,432	09-21-1993	Ueda

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet

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of

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<i>Complete if Known</i>	
Application No.	10/642,477
Filing Date	August 15, 2003
First Named Inventor	Masakazu Kawai
Art Unit	3736
Examiner Name	Jeffrey Gerben Hoekstra
Attorney Docket Number	20911-08172

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No.		
	A28	Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A29	US-5,808,433	09-15-1998	Tagami
	A30	US-5,659,480	08-19-1997	Anderson et al.
	A31	US-4,786,847	11-22-1988	Daggett et al.
		US-4,244,120	01-13-1981	Harris

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Foreign Patent Document		
		Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
				T ⁶

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C1	International Search Report and Written Opinion, PCT/US06/11727, November 9, 2006, 9 pages.	
	C2	ISAACS, P.M. et al., "Controlling Dynamic Simulation with Kinematic Constraints, Behavior Functions, and Inverse Dynamics," Computer Graphics, July 1987, pp. 215-224, Vol. 21, No. 4.	

Examiner Signature		Date Considered	
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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.